

## **PowerLite® Home Cinema 5010**

HOME THEATER PROJECTOR



### **Ultra-bright, 2D and 3D, Full HD 1080p Home Theater Projector.**

The PowerLite Home Cinema 5010 brings the power of 3D right to your living room with Bright 3D Drive technology and Full HD 1080p performance. Immerse yourself in eye-popping cinematic adventures with 2400 lumens color and white light output<sup>1</sup> and an astounding contrast ratio of up to 200,000:1. A state-of-the-art performer, the 5010 features a built-in cinema filter and Fujinon® lens for movie viewing the way filmmakers intended. Take advantage of the Split Screen<sup>2</sup> feature on large screens up to 300 inches. This high-value home theater projector also features great 2D performance as well as 2D-to-3D conversion. It's never been easier to entertain family and friends with a true-to-life, 3D cinematic experience. Active shutter 3D glasses sold separately.

**Split Screen<sup>2</sup> feature** — project two images side-by-side from two different sources in 2D mode

**Amazingly sharp, crisp images** — motorized pixel alignment and a contrast ratio of up to 200,000:1



# PowerLite® Home Cinema 5010

## HOME THEATER PROJECTOR

### The best-selling projectors in the world.

Epson offers a wide range of high-quality projectors to meet almost any need. Built with image quality and reliability in mind, EPSON® high-definition projectors take home theater entertainment to a whole new level, featuring color and detail that's sure to win rave reviews from friends and family alike. With the vivid realism of EPSON 3LCD technology, these projectors will make your home the hottest ticket in town.



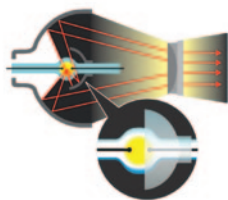
#### 3LCD technology — for quality and color that's beyond amazing

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors<sup>3</sup>
- Over 20 years of road-tested reliability built into every projector



#### Energy-efficient E-TORL® lamp exclusively from Epson

- Delivers more lumens per watt and lasts up to 5000 hours<sup>4</sup>
- Minimizes both light diffraction and light leakage
- Maximizes your viewing time, while minimizing your costs



#### Crystal-clear detail

Achieve astounding, eye-popping detail with an incredible contrast ratio up to 200,000:1.



#### Amazing color and white light output

The PowerLite Home Cinema 5010 delivers 2400 lumens of color light output and 2400 lumens of white light output<sup>1</sup> for rich, colorful images. Whether you're projecting images with deep, dark colors or bright whites, you get consistent light output.



Epson — 3LCD

Other — DLP



▲ High color light output



▲ Low color light output

Actual photographs of images taken from two competing projectors run in default mode. Price, resolution and brightness (white light output) are the same for both projectors.

#### Advanced Auto Iris technology

EPSON Auto Iris technology adjusts the aperture to provide optimum contrast and brightness for each scene.

#### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [eco.epson.com](http://eco.epson.com)

#### Eco Features

- RoHS compliant
- Recyclable product<sup>5</sup>
- Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>6</sup>





## Amazing 3D performance

### Bright 3D Drive technology

Enjoy thrilling 3D adventures right in the comfort of your living room. Featuring Bright 3D Drive technology, Epson's 480 Hz drive system minimizes the blackout time of 3D glasses and provides greater brightness of 3D images.

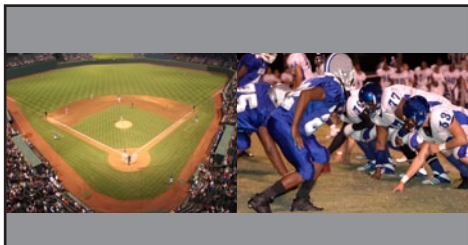


### OptiCinema™ lens for outstanding picture quality and easy setup

The OptiCinema lens system is a precision, high-quality, optical grade system. Co-developed with Fujinon, a top supplier of precision camera optics to the world's leading HD camera makers, this system offers excellent picture uniformity and clarity across the screen. This lens system also provides precision focus with a 2.1x zoom ratio. And, it delivers maximum installation flexibility with 96% vertical and 47% horizontal lens shift (without image distortion).

### Split Screen<sup>2</sup> feature

Project two images (video or still) side-by-side from two different sources simultaneously in 2D mode. Choose from three layout options. You can swap the images, choose the source for the audio and even display closed captioning if the source signal includes it.



Layout Option 1:  
50-50% Split Screen



Layout Option 2:  
Main image on left



Layout Option 3:  
Main image on right

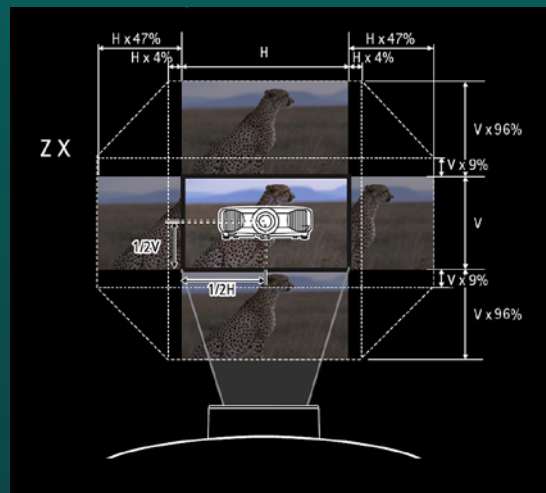


## PowerLite Home Cinema 5010 Features

- **A true cinematic experience** — 2D and 3D, Full HD 1080p technology puts you right in the middle of exciting, lifelike adventures
- **Astounding brightness and detail** — 2400 lumens color/white light output<sup>1</sup>, and an amazing contrast ratio up to 200,000:1
- **Rich, vibrant color and reliable performance** — 3LCD, 3-chip technology
- **Accurate and exceptional picture quality** — built-in cinema filter and Fujinon lens
- **Sleek design** — fits in any setting
- **Split Screen<sup>2</sup> feature** — project two images side-by-side from two different sources in 2D mode
- **2D-to-3D conversion** — easily transform 2D images to spectacular 3D
- **Amazingly sharp, crisp images** — motorized pixel alignment
- **Outstanding support** — two-year limited warranty; two-business-day replacement with free shipping<sup>7</sup>

## Home entertainment made easy with flexible installation

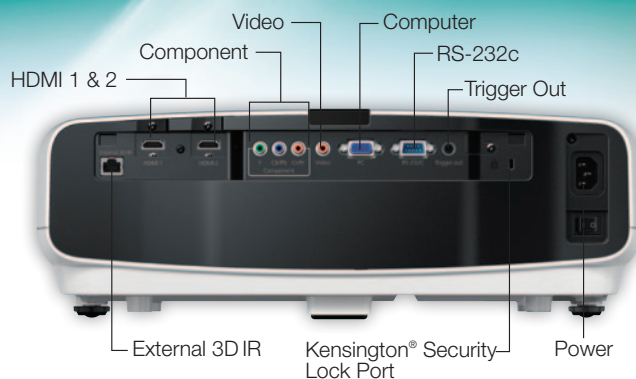
The PowerLite Home Cinema 5010 projector provides astonishing placement flexibility with a 2.1x zoom ratio and vertical and horizontal lens shift (without image distortion), plus easy vertical keystone correction.



## PowerLite® Home Cinema 5010

### Home Theater Projector

Product Name	Product Code	UPC
PowerLite Home Cinema 5010	V11H398020	0 10343 88510 3
Genuine EPSON Lamp	V13H010L69	0 10343 88651 3
Replacement Air Filter	V13H134A39	0 10343 88653 7
3D Glasses	V12H483001	0 10343 88657 5



### Specifications

#### Projection System

EPSON 3LCD, 3-chip technology

#### Projection Method

Front / Rear / Ceiling mount

#### Product Color

White and Black

#### Driving Method

EPSON Poly-silicon TFT Active Matrix, 0.74-inch wide panel with MLA

#### Projected Output

HD, 2D, 3D, 1080p

#### Pixel Number

2,073,600 dots (1920 x 1080) x 3

#### Color Light Output<sup>1</sup>

2400 lumens

#### White Light Output<sup>1</sup>

2400 lumens (ISO 21118 Standard)

#### Aspect Ratio

Native 16:9 widescreen (4:3 resize)  
Compatible with 4:3 and 2.35:1 video formats with Normal, Full or Zoom Modes

#### Native Resolution

1080p (1920 x 1080)

#### Resize

16:10, 4:3

#### Lamp Type

230 W UHE (E-TORL)

#### Lamp Life<sup>4</sup>

Up to 5000 hours (ECO mode)  
Up to 4000 hours (Normal mode)

#### Throw Ratio Range

1.34 – 2.87

#### Size (projected distance)

30" – 300"

#### Keystone Correction

Vertical: ± 30 degrees (Manual)

#### Contrast Ratio

Up to 200,000:1

#### Color Reproduction

Full-color (1.07 billion colors)

#### Color Processing

Full 10 bit (Partial 12 bit)

### Projection Lens

#### Type

Manual Focus / Manual Zoom

#### F-number

2.0 – 3.17

#### Focal Length

22.5 – 47.2 mm, widescreen image size  
(projected distance): 100" diagonal  
(wide: 9.8' – tele: 20.9')

#### Zoom Ratio

1.0 – 2.1

#### Lens Shift

Vertical: -96.3 to +96.3;  
Horizontal: -47.1 to +47.1

#### Lens Cover

Powered, Slide Lens Shutter

### Other

#### Display Performance

1920 x 1080 native (1080p); HD, 2D, 3D, 2D to 3D conversion

#### Color Modes

2D: Dynamic, Living room, Natural, Cinema  
3D: 3D Dynamic, 3D Cinema

#### EPSON Cinema Filter

Automatically adjusts to color mode; (On: Natural/Cinema; Off: Dynamic/Living Room/3D Dynamic/3D Cinema)

#### Auto Iris

Automatically adjusts to video source; User selectable (High speed/Normal/Off)

#### Input Signal

Composite: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM  
Component: 480i / 576i / 480p / 576p / 720p / 1080i / 1080p  
HDMI: TMDS

#### Terminal Inputs

1 RCA (composite), 3 RCA (component), 1 VGA  
D-sub 15 pin (computer input), 2 HDMI,  
1 RS-232c

#### Terminal Outputs

Trigger On/Off (3.5 mm stereo jack)  
RJ-45 (external 3D emitter)

#### Video Compatibility

2D: WXGA, SXGA, XGA, SVGA, VGA;  
3D: HDTV750p, HDTV1125i, HDTV1125p

#### Computer Compatibility

PC, Mac<sup>5</sup>

### Other (continued)

#### Operating Temperature

5 °C to 35 °C (41 °F to 95 °F)

#### Power Supply Voltage

100-240 VAC ± 10%, 50/60 Hz

#### Power Consumption

100 – 120 W  
364 W (Normal Mode)  
274 W (ECO Mode)  
0.27 W Standby (Communication On)  
0.27 W Standby (Communication Off)

#### Fan Noise

22 – 32 dB

#### Security

Kensington Security Lock Port

### Dimensions (W x D x H)

**Including feet** 17.6" x 15.6" x 6.3"

**Excluding feet** 17.6" x 15.6" x 5.6"

**Weight** 18.4 lb

### Remote Control

#### Features

Front and rear directional

#### Operating Distance

32 feet (10 meters)

#### Operating Angle

-30 degrees to + 30 degrees

#### Parental Controls

##### Power Button Lock

Hinders projector from being turned on without parental supervision

### What's in the Box

PowerLite Home Cinema 5010 projector, power cord, two HDMI cable clamps, remote control with AA batteries, CD ROM with users guide link

### Optional Accessories

Genuine EPSON lamp	V13H010L69
Replacement air filter	V13H134A39
3D glasses	V12H483001
External 3D IR emitter	V12H484001
Projector ceiling mount	CHF1000
Cable cover, white	V12H003011
Remote control	1557492
PixiePlus™ control system for EPSON projectors	ELPSP10
Belkin Pro Series VGA / SVGA cable – 6 ft	F3H982-06
Belkin Pro Series VGA / SVGA cable – 10 ft	F3H982-10
Belkin Pro Series VGA / SVGA cable – 25 ft	F3H982-25
Belkin PureAV HDMI audio video cable – 3 ft	AV22300-03
Belkin PureAV HDMI audio video cable – 6 ft	AV22300-06
Belkin PureAV HDMI audio video cable – 12 ft	AV22300-12
Kensington Security Lock	ELPSL01
Repair/Exchange 1-year extended service plan	EPSPNVHTRB1
Repair/Exchange 2-year extended service plan	EPSPNVHTRB2

### Packaging Specifications

#### Projector

22.5" x 19.9" x 13.6" (W x D x H)  
Weight 25.60 lb

#### Genuine EPSON Lamp

6.3" x 5.6" x 5.6" (W x D x H)  
Weight 0.80 lb

#### Air Filter

6.0" x 3.3" x 1.7" (W x D x H)  
Weight 0.10 lb

#### Ceiling Mount

13.0" x 13.4" x 4.3" (W x D x H)  
Weight 6.40 lb

#### 3D Glasses

3.0" x 8.8" x 3.2" (W x D x H)  
Weight 0.30 lb

#### 3D Emitter

3.0" x 5.8" x 2.5" (W x D x H)  
Weight 0.40 lb

<sup>1</sup> Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.

<sup>2</sup> The Split Screen feature can only use one digital input source at a time. The other source must be an analog source (PC/Component or Composite video). However, two different analog input sources can be used at the same time.

<sup>3</sup> Data source: ProjectorCentral.com Jan. 2011. Average of 1038 shipping models for which manufacturers provided lumens and total power data, all resolutions and brightness levels.

<sup>4</sup> Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

<sup>5</sup> See our website for convenient and reasonable recycling options at [www.epson.com/recycle](http://www.epson.com/recycle)

<sup>6</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

<sup>7</sup> Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for two-business-day delivery.

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